## 14"/37 cm TV-VCR Combi

## Bumers

- Crystal Clear Video
- Plug \& Play
- Turbo Drive
- Tele Text
- Smart Picture
- SMART Clock

- Auto Volume Leveller
- Front A/V and Headphone Sockets


## Granite

## Product information

## Reception

- Tuning System: 2 PLL Tuners
- Tuning - pre-sets: 99
- Install Features: AutoTuning (Autoinstall for 107)


## Picture-Display / Processing

- Format: 4 :3
- Size(visual): 14 (13)" / 37 (34) cm
- Picture Control: Brightness, Colour, Contrast, Sharpness
- Special Feature: Smart Picture


## Sound

- Speaker / System: Full Range 3" / Mono
- Special Feature: Automatic Volume Leveller

Power: 2W MPO, 1.0W rms

## User Interface

- Indicators front: On / Off LED, Record LED
- Multi Colour Menu: Cursor Control \& Intelligent Help-line
- Special Features: Auto Stby, Child Lock, Hotel mode

Computer Controlled Teletext

- Teletext / Fast Text: WST lev. 1.5
- Teletext features: Conceal reveal, Transparent mode, Enlarge, Cancel, Hold, Sub-pages

Tape Deck

- Turbo Drive
- VCR System: VHS-HQ 2 Video Heads
- Head Cleaning Mode: Automatic
- Stop to Play Time: 0.4 sec .
- Tape Counter: Time used, Non linear NTSC Pb
- Rew. / Winding Time: 100 sec. (for E180)


## Tape Functions

- Play / Still Feature: $+1 x,-1 x$, Repeat / Standard
- Fast Speed: $+2 x /-3 x,+5 x /-5 x,+9 x /-9 x$
- VISS: Next / Prev. index and Record End Search


## VCR Picture Quality

- Resolution: $H Q+$ / >240 lines
- Tracking System: Digital Studio Tracking
- Digital Studio Picture Control
- Edge Noise Canceller
- Crystal Clear Video


## Programming

- Number of Events: 6 / month
- Rec. Control: PDC/VPS (also for Transm. Identification)
- Programming System: ShowView / Video+, OTR, Manual Timer
- Record Speed: Standard Play (SP), Long Play (LP, PAL only)


## Connectors Rear

- EXT1: Euro CVBS, RGB in
- Antenna in: 75 Ohms (IEC type)


## Connectors Front

- EXT2: Cinch CVBS in, Mono
- Headphone Out: Mini-Jack 3.5 mm , Mono


## General

- Voltage / Frequency: 198-264V / 50Hz
- Power Cons. in W: Operating 44 / Standby <6
- Backup Presets/Clock: >1 yr/ >10 min
- Set Size in mm: $401 \times 372 \times 369(h \times d \times w)$
- Packaging in mm: $520 \times 465 \times 455$ (h x d x w)
- Weight in kg: 15 / 12.6 incl. / excl. Box


## Accessories

- Documents / Manuals: DFU, Guarantee doc., Promotion Screen Sticker
- Aux. Equipm. Supplied: Batteries for RC


## Remote Control

- Remote Control - type: RT712 / 101 (black)


## Product Highlights

## - 2 PLL Tuners

Watch one programme while recording another with the freedom of the 2 PLL Tuners.

- Turbo Drive

Enjoy the ease of use and the comfort of one of the fastest VCR decks in the world.

## - Plug \& Play

Installing a Combi has never been easier! No need of the user manual. Just let the Combi guide you through the installation steps.

## - One Touch Record (OTR)

Start a recording with the touch of a single button. Each further touch of the record button adds 30 minutes of recording time. The actual end time will be automatically calculated by the set and displayed.

## - SMART Clock

For automatic download of the current Time \& Date. No more hassle with the clock setting after long power failure or at the daylight savings time switch over..

## - Auto Volume Leveller

Minimises sudden changes in TV volume typically happening when commercials are broadcasted or when pre-sets are being changed.

## - Crystal Clear Video

With Crystal Clear Video, Philips has created the perfect combination of technologies
to guarantee the best possible picture restitution:

- Digital Studio Picture Control: It optimises the picture rendition regardless of the quality of tape used.
- Laser Cut Video Heads: They have a better profile for a superior head/tape contact: Lesser wear guarantees longer life and higher performance quality.
- Studio Tracking System: It improves the tracking accuracy and reduces the cross-talk noise.
- Natural Colour: It cleans the colour from any kind of noise and corrects the spill.


## - SMART Picture

Optimise the sharpness and colour to your own reference with this unique feature.
Choose out of different options: Soft, Natural, Rich or your Personal setting.

|  | 101 | 107 | 139 |
| :---: | :---: | :---: | :---: |
| Full (UHF + VHF) Tuner | + | + | + |
| TV System off Air | PAL B/G | PAL I | PAL B/G/I SECAM B/G/L/LI |
| Record / Playback Std. | PAL | PAL | PAL, SECAM, MESECAM |
| NTSC Playback Std. | SP SLP | SP SLP | SP SLP |
| PDC/VPS | + | + | + |
| Video Longplay | + | + | PAL only |
| OSD Menu Languages | Dutch, English, German, Italian, Portuguese, Spanish, Swedish | English, French, German, Italian, Spanish | Dutch, English, French, German, Italian |

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